

Figure 1

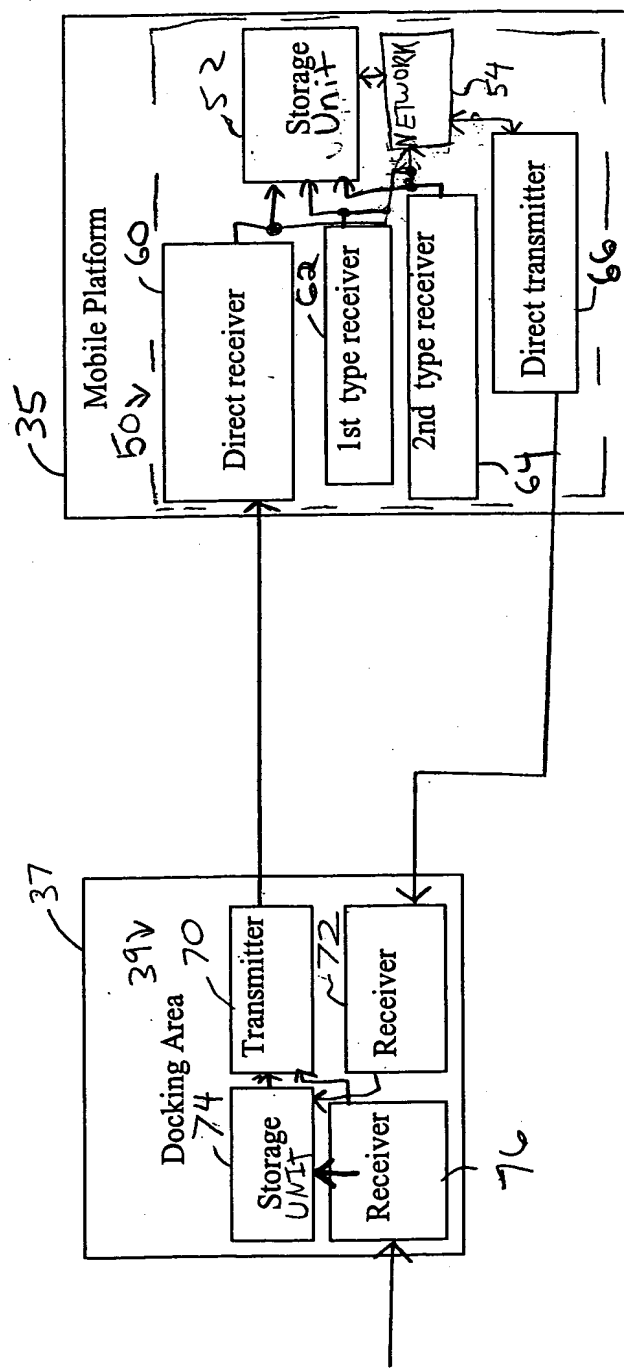


Figure 2

Rockwell Collins Proprietary DRAFT 1.1

307

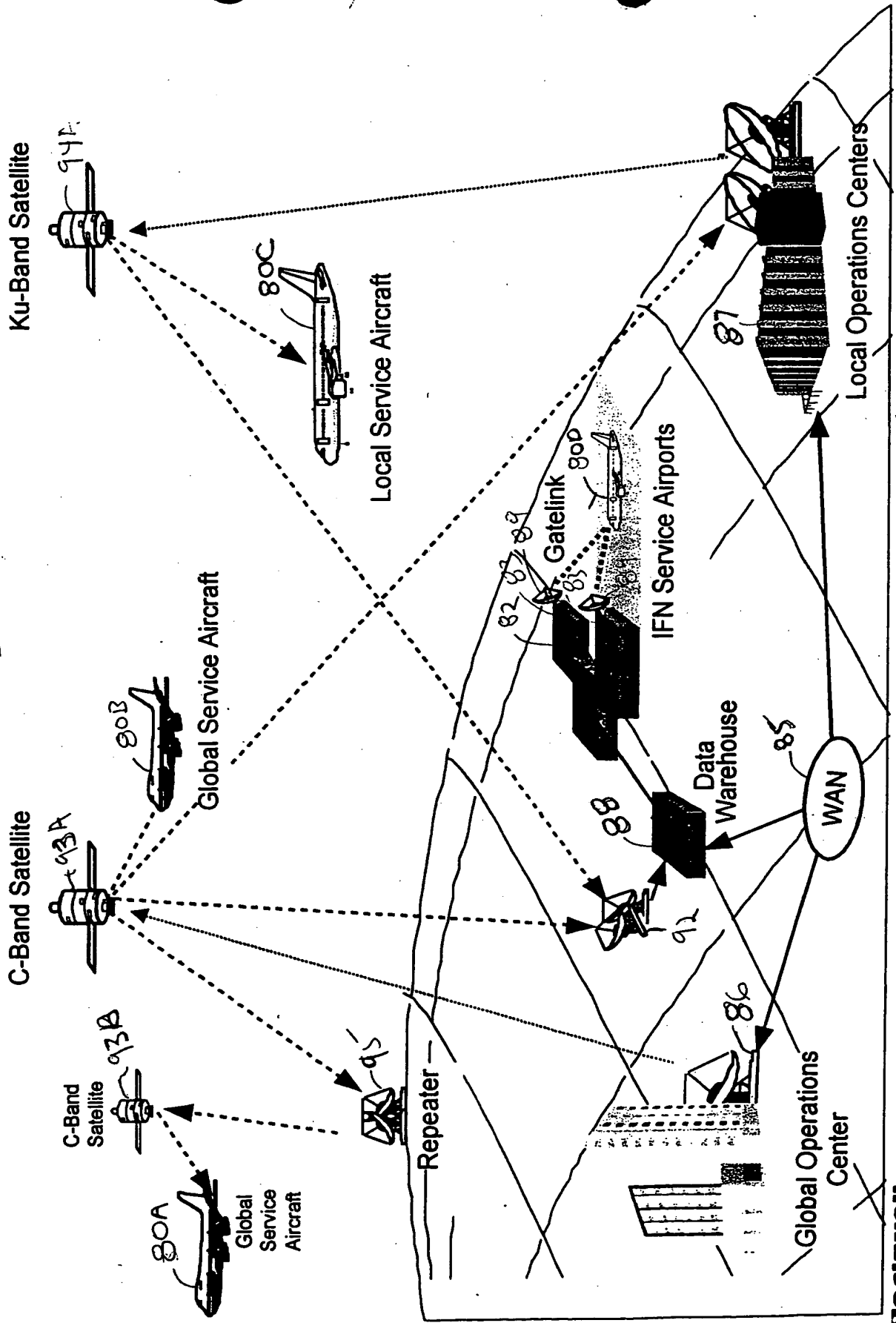


FIGURE 3

The diagram illustrates the architecture of an airport facility, showing the connection between a Data Warehouse, Hot Spares Storage Warehouse, and Airport Facilities. The Data Warehouse is connected to the Hot Spares Storage Warehouse via a Secure WAN or LAN. The Data Warehouse is also connected to the Airport Facilities via a Gateway Network. The Airport Facilities are connected to the Hot Spares Storage Warehouse via a Secure WAN or LAN. The diagram includes handwritten annotations such as 'Ku-Band', 'C-Band', '92', '92-92', '82', '85', '89', '99B', and '80D'.

FIGURE 5

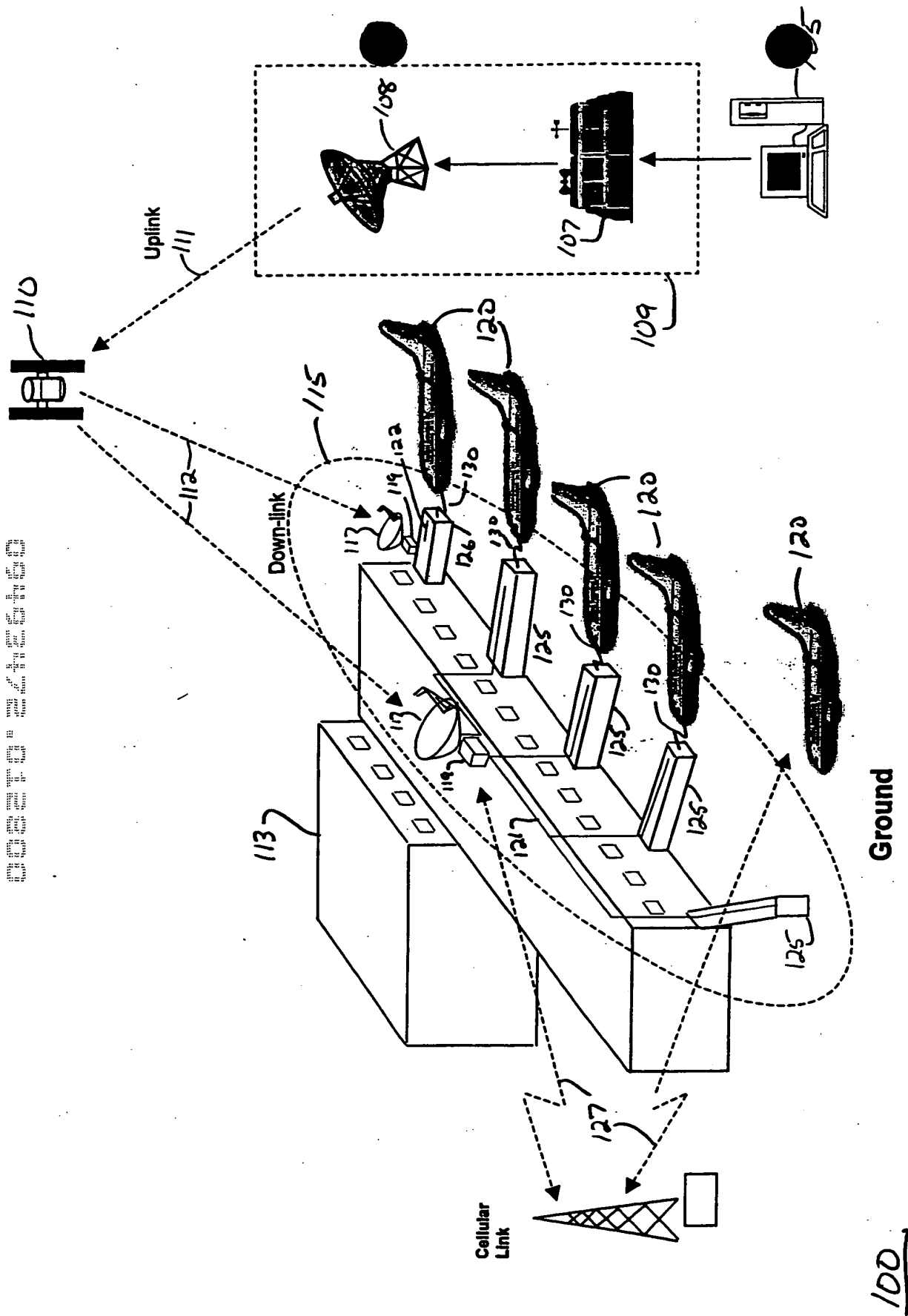


Figure 6

110 DBS 60

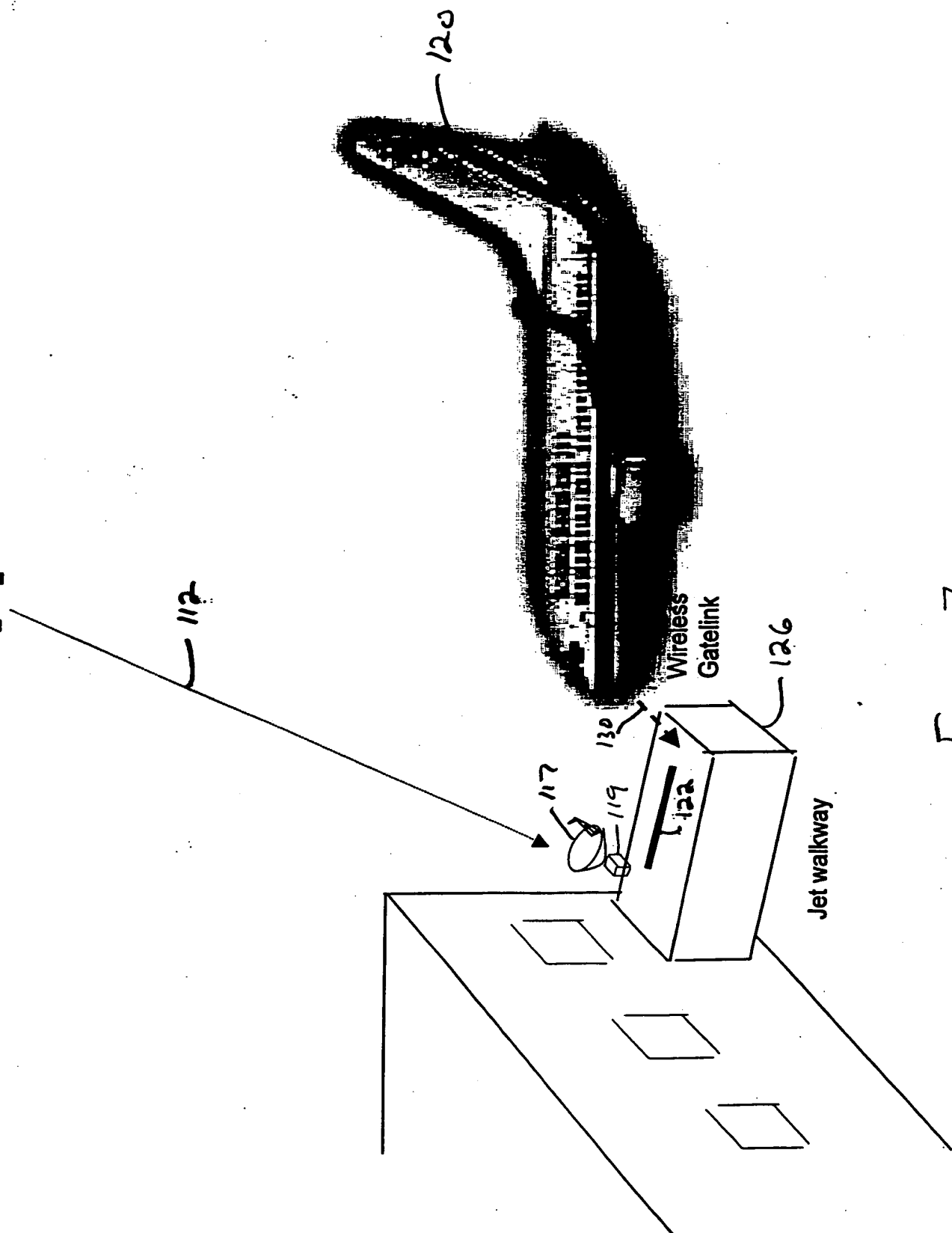


Figure 7

22



Fig. 2

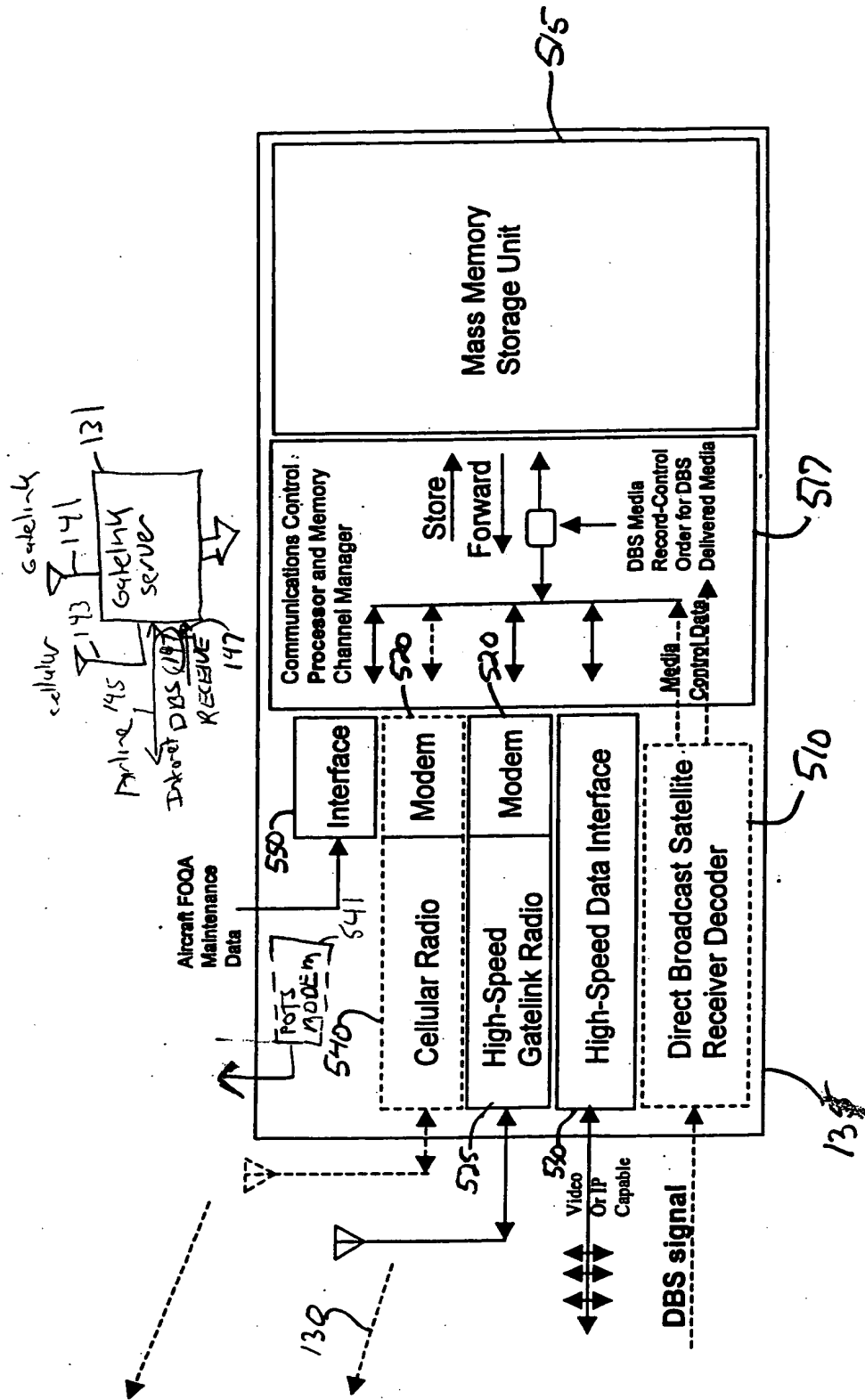
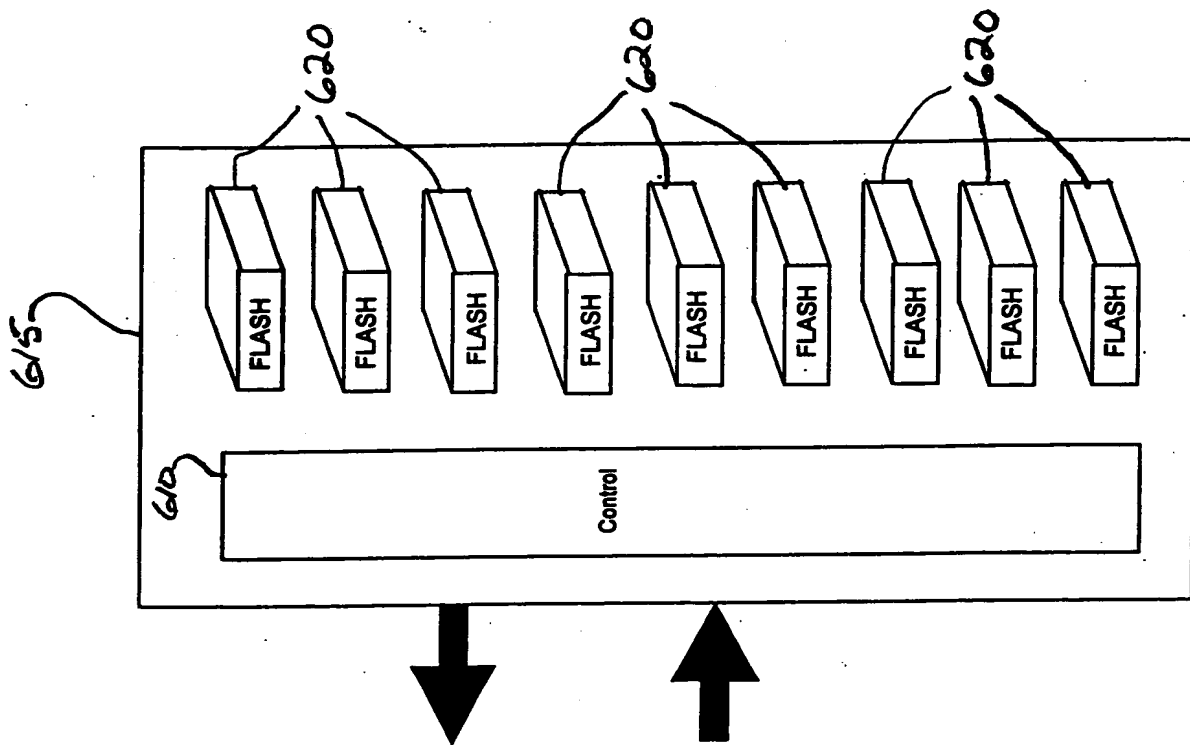


Figure 9



0
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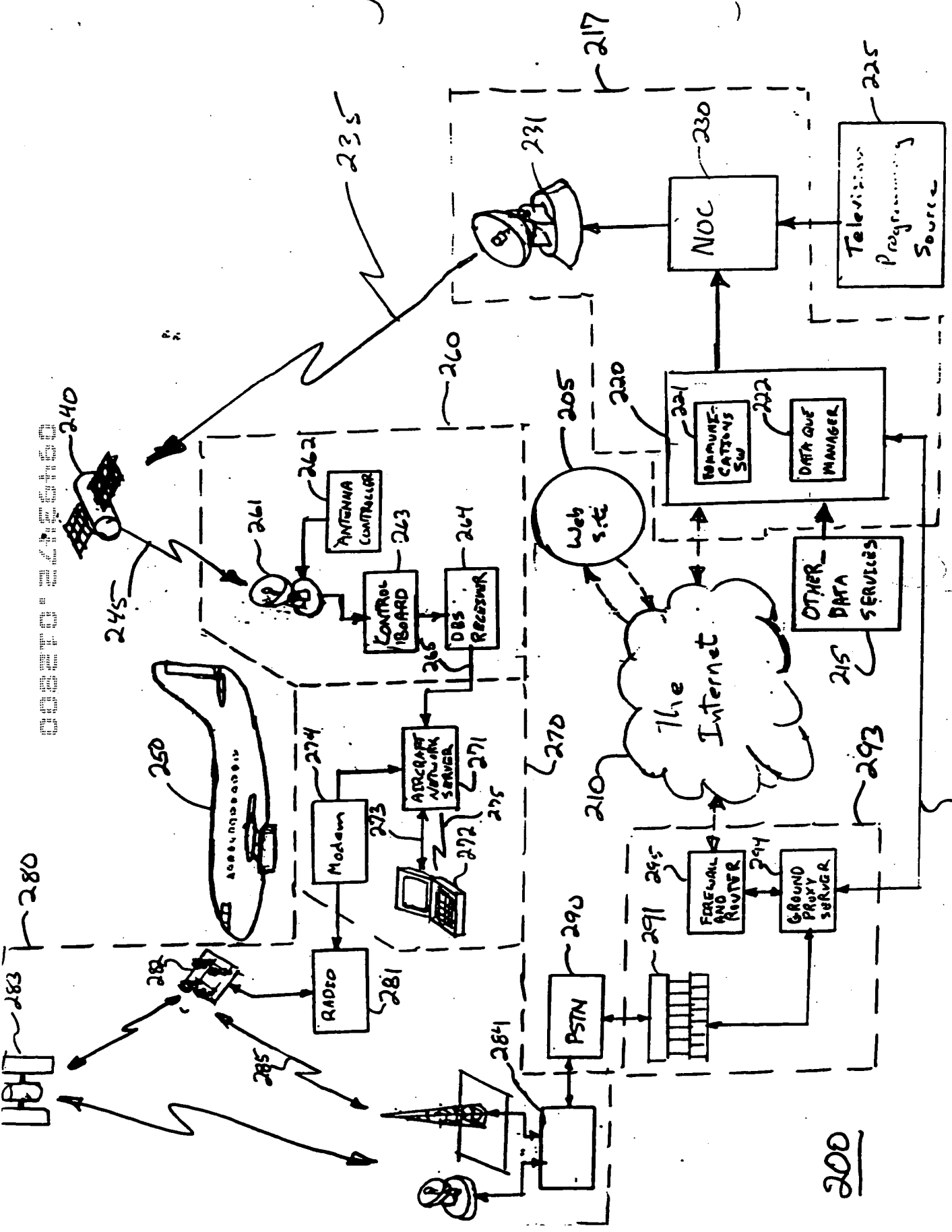


Figure 11

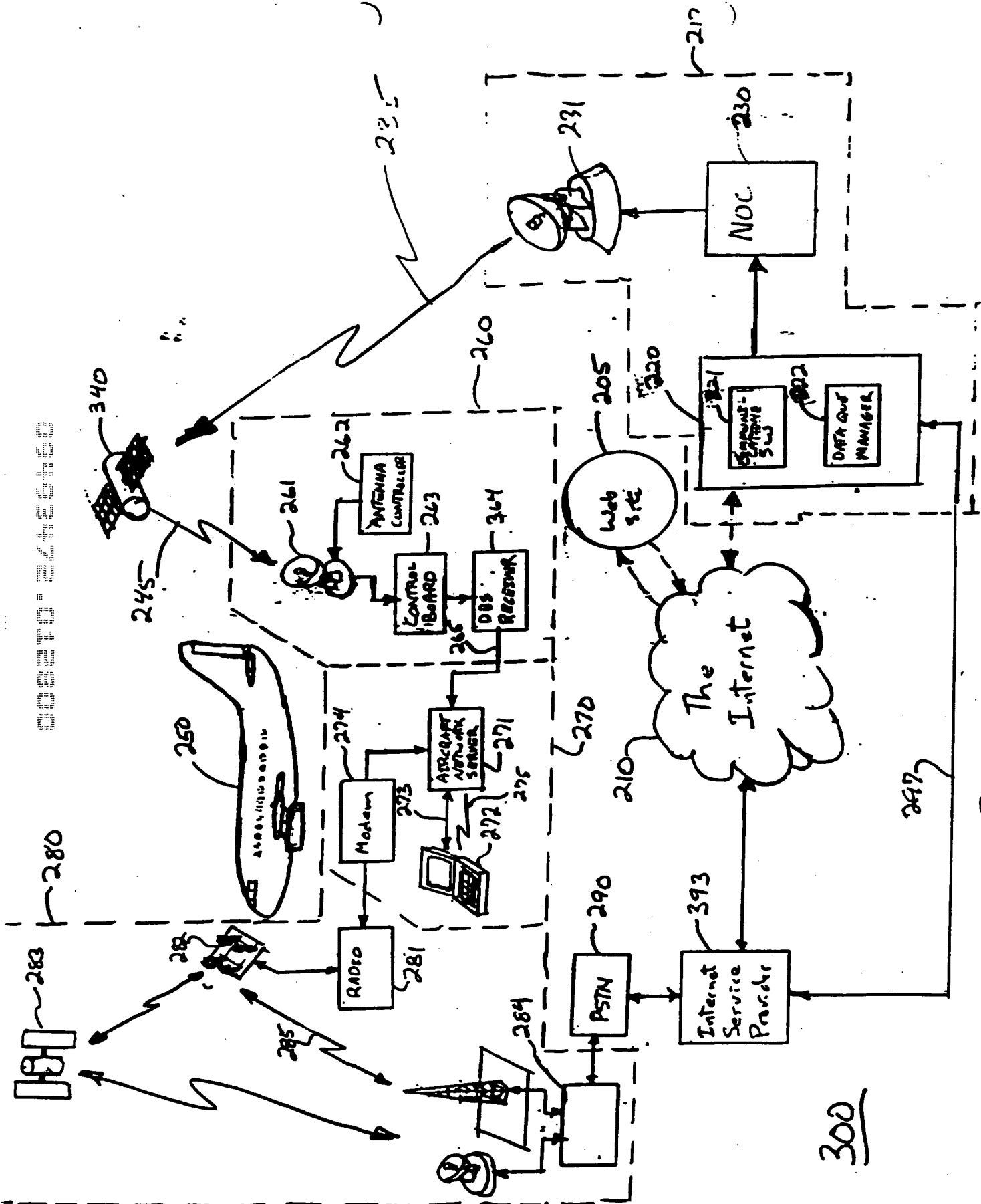


Figure 12

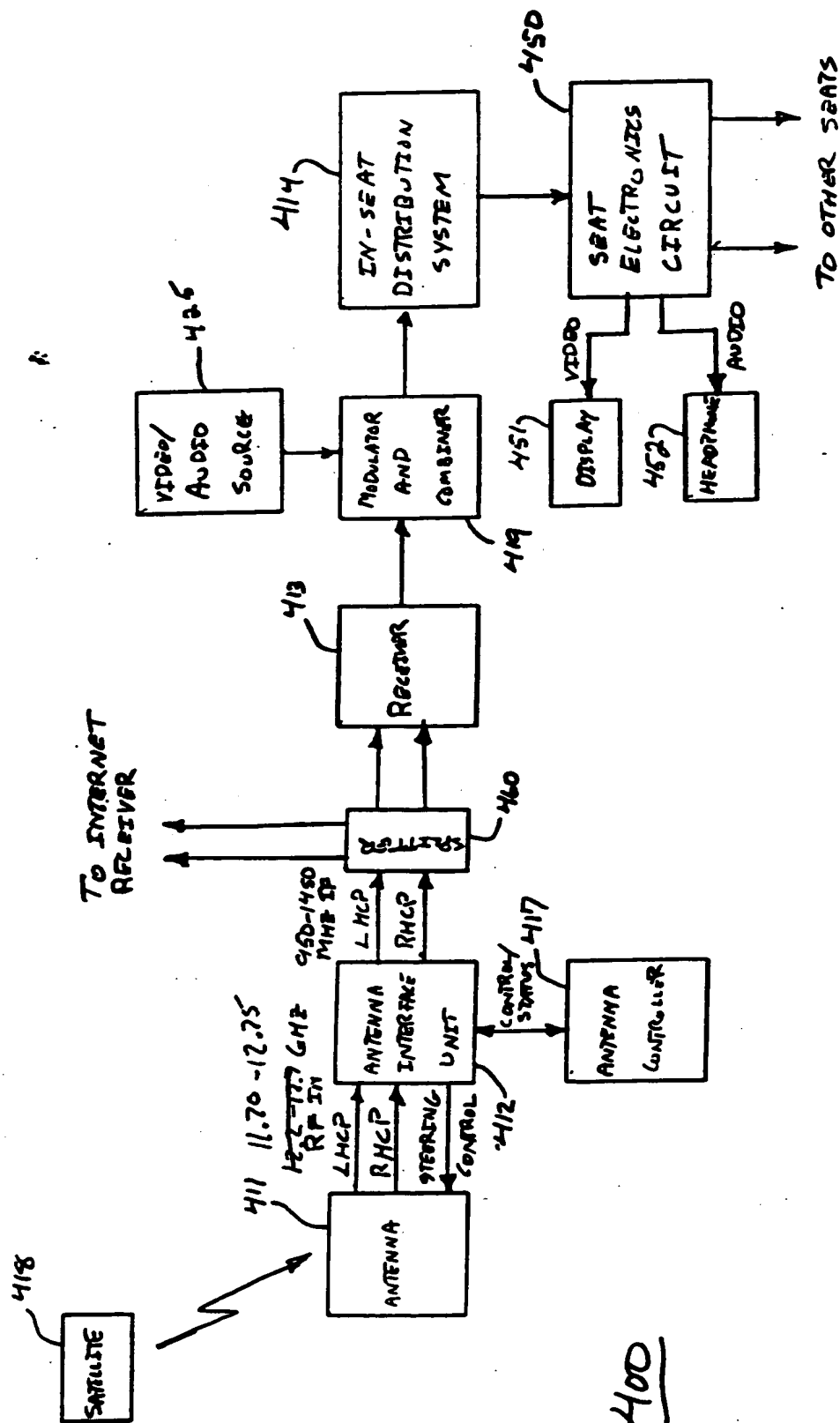


Figure 13

400

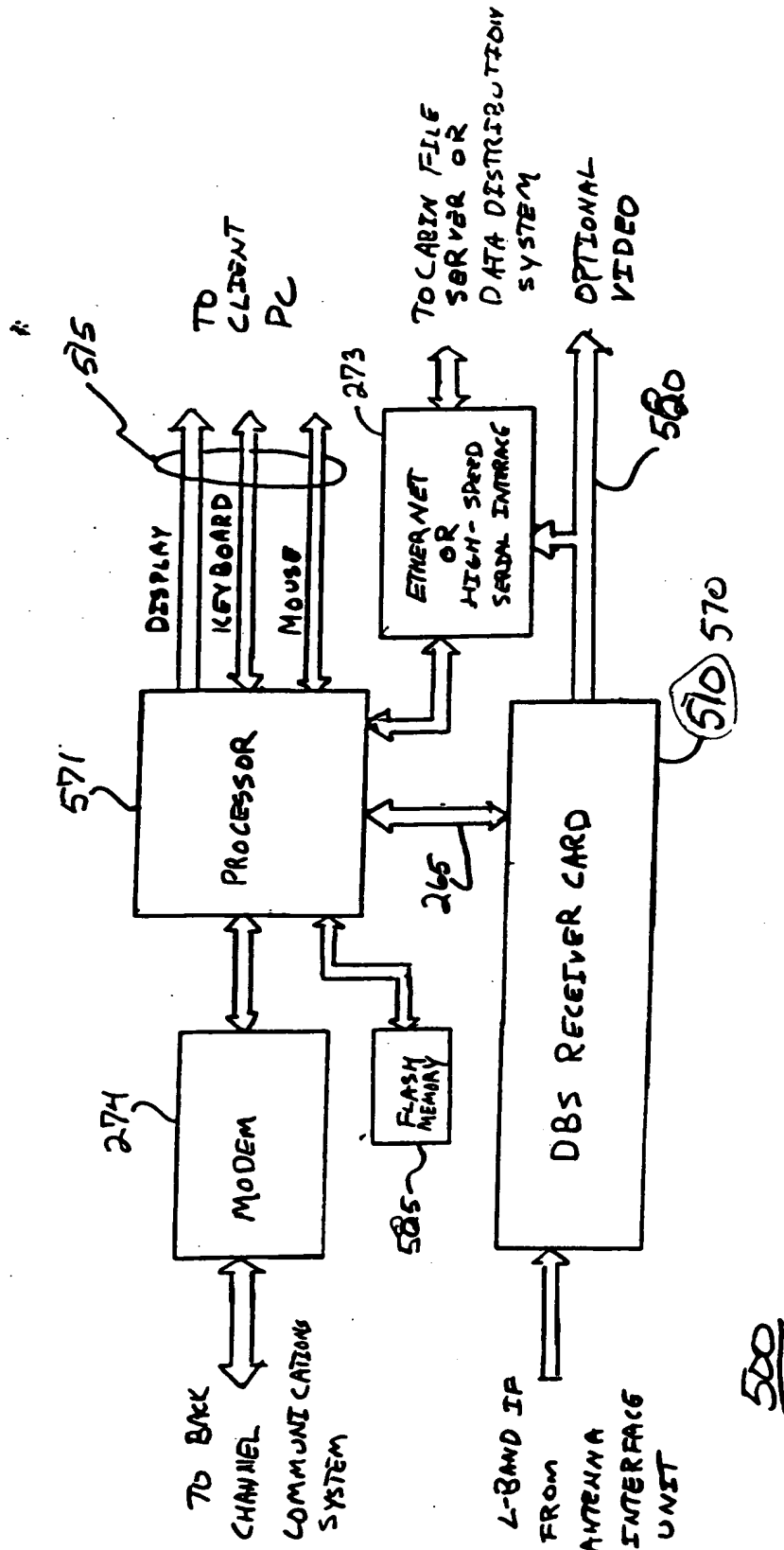
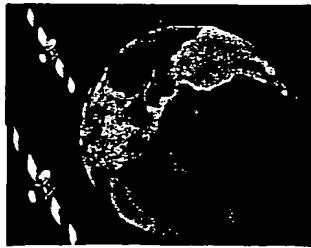


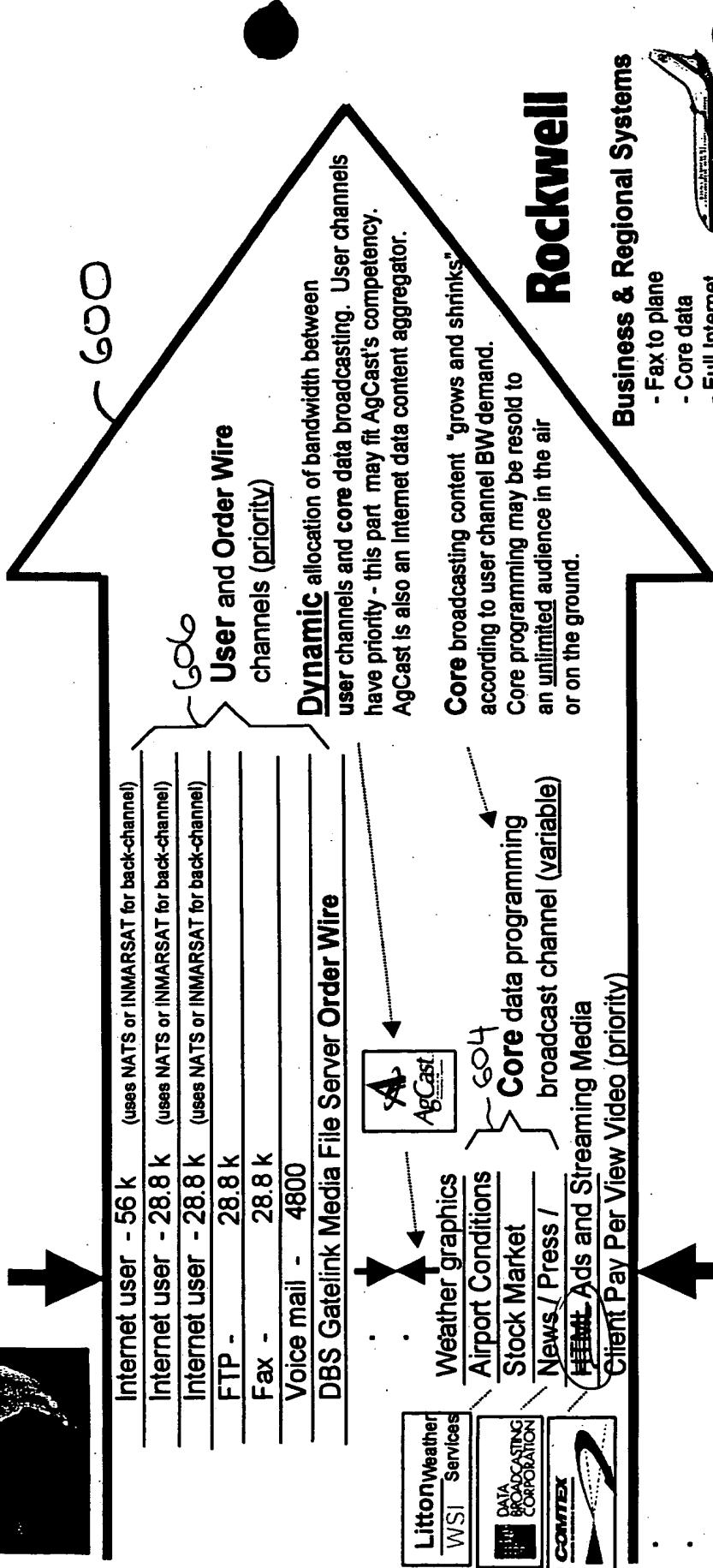
Figure 14

500



“Aviation / Automotive Express”

High Speed DBS Data Channel for Aviation— Mobile PLATFORMS



Dynamic allocation of bandwidth between user channels and core data broadcasting. User channels have priority - this part may fit AgCast's competency. AgCast is also an Internet data content aggregator.

Core broadcasting content "grows and shrinks" according to user channel BW demand. Core programming may be resold to an unlimited audience in the air or on the ground.

Rockwell

Business & Regional Systems

- Fax to plane
- Core data
- Full Internet
- "Off-line" Internet
- E-mail / FTP

Air Transport Systems

- Fax to plane
- Large file FTP messaging
- Wireless airport terminal area file server loading / complementing I2S
- Core data to I2S server

- Stocks, Weather, News

Passenger Systems

- IFN IFE systems

Fixed contracted (less pre-existing core programming) DBS BW from Echostar and /or AgCast (1-Megabit per second as an example)

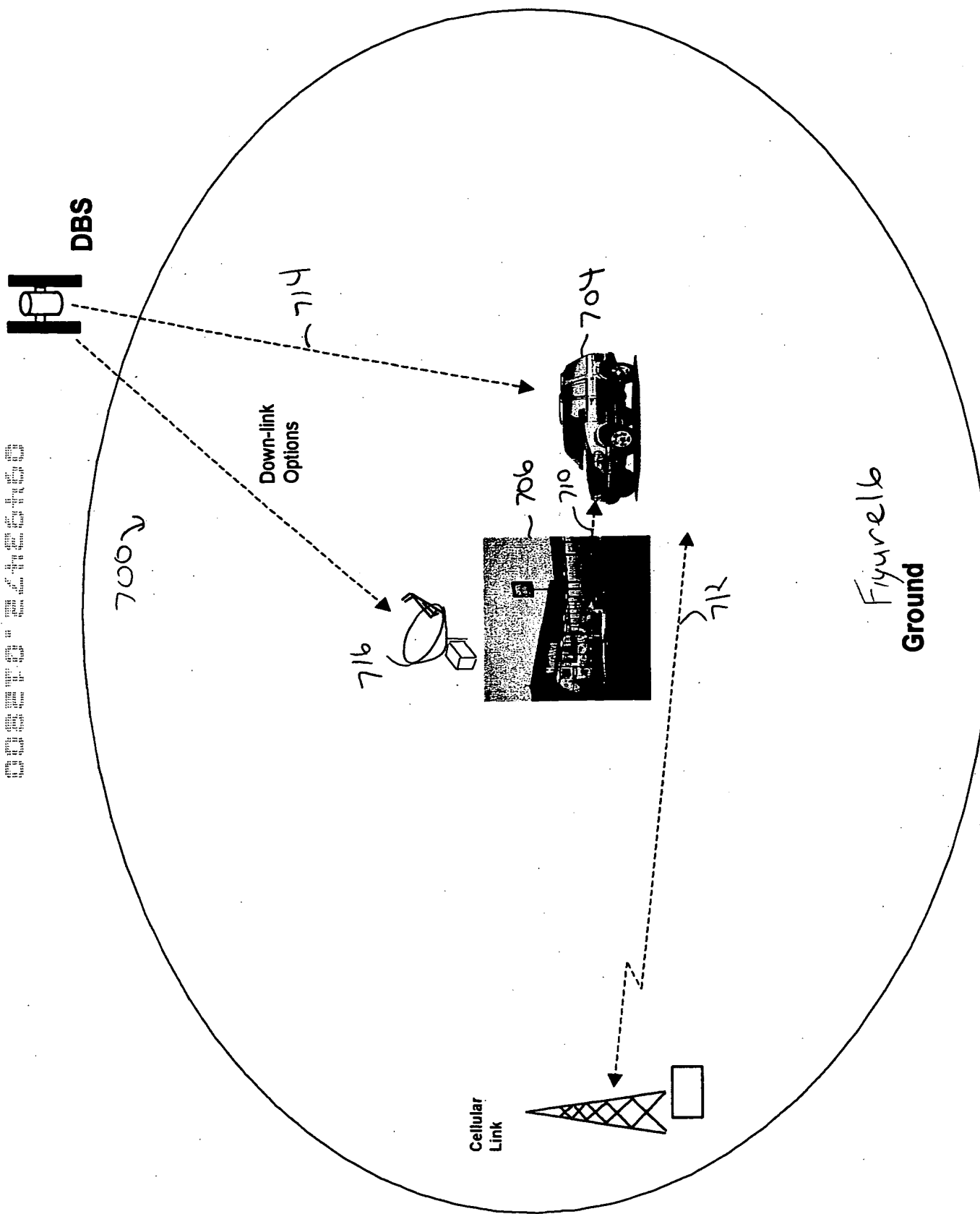
Figure 15



Additional Aviation
Related Content
Aggregation
Ad revenue avenue

This Figure Contains Rockwell Proprietary Information

THIS FIGURE CONTAINS PROPRIETARY INFORMATION



This Figure Contains Rockwell Proprietary Information